



"Providing Quality Analytical Services Since 1939"

2829 Reach Road, Williamsport, PA 17701 • Phone: (570) 326-4001 • Fax: (570) 326-0399 • www.seewaldlabs.com

## **Certificate of Analysis**

June 22, 2018							
Jack Bailey		Work Order: 1814917					
City of Lock Haver	ock Haven Project: Beach						
20 East Church St	20 East Church St						
Lock Haven, PA 17	7745						
Dear Jack Bailey,							
comments regarding	eport of analysis that contains the result(s) of the sample(s) rec ng the content of this report to our Client Services Manager, Mi ano at (570) 326 - 4001.	The state of the s					
Seewald Laboratories, Inc. is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and the analytical result(s) contained in this report meet those regulation requirements, except where noted. For example, all drinking water testing and/or analysis comply with the requirements in 40 CFR part 141. All wastewater testing and/or analysis comply with the requirements in 40 CFR part 136. All Solid and Chemical Material testing and/or analysis complies with the requirements in SW-846. All quantitative solid result(s), unless otherwise indicated, are reported on a dry weight basis obtained by a percent moisture calculation.							
laboratory's Field S representative of the	re collected by Seewald Laboratories, Inc. personnel are done Sampling and Field Analysis Standard Operating Procedures. The sample(s) as received. Any and all information provided to use and is not within our scope of accreditation. Any abnormalities intained herein.	The result(s) contained within this report are us by the client was not performed by Seewald					
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Please visit www.s	seewaldlabs.com for a complete list of our accredited paramete	rs and other topics of interest.					
Regards,							
Seewald Laborator	ries, Inc.						
TNI ACCRECATE AND ACCRECATE AN	Approved by:	Ray Martrano, Laboratory Director					

PA Lab ID: 41-00034 • Maryland Certificate #: 202 • Delaware Office of Drinking Water • NY State Lab ID: 12028

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City of Lock Haven Project: Beach

20 East Church St Project Number:

Lock Haven, PA 17745 Reported: 06/22/2018 11:37

# **Sample Summary**

Lab ID	Sample	Matrix	Sampled	Received
1814917-01	Citv Beach	Non-Potable Water	06/20/2018 09:00	06/20/2018 14:15







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City of Lock Haven Project: Beach

20 East Church St Project Number:

Lock Haven, PA 17745 **Reported:** 06/22/2018 11:37

## **Analytical Results**

 Sample ID:
 City Beach
 Sampled:
 06/20/2018 09:00

 Lab ID:
 1814917-01
 Received:
 06/20/2018 14:15

Matrix: Non-Potable Water

Analyte	Result	Units	Qualifier	Reporting Limit	Prepared	Analyzed	Method	Analyst
Microbiology								
E. coli (enumeration)	52	MPN/100 mL		1	6/20/18 15:20	6/21/18 11:50	SM 9223 B/Quanti-Tray	BF







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20 East Church St Project Number:

Lock Haven, PA 17745 Reported: 06/22/2018 11:37

### **Notes and Definitions**

item	Definition
ND	Not Detected at or above the Minimum Reporting Limit
Reporting Limit	This value represents the minimum concentration that the target analyte can be identified and quantitated with confidence
(2)	Indicates the data was reported from the instrument's secondary column. When applicable the (2) will follow the analyte's name on the results page.



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SEEWALD			PA/MD/DE Drinking Water Only
LABORATORIES, INC.	18149	Circle State of Origin for Compliance Monitoring PWSID #	
2829 Reach Road		rareas are nalysis.	
Williamsport, PA 17701	Billing: Turn Aro	und Time: Reporting:	Type: Annual Semi-Annual Quarterly Monthly  Monitoring Period: to
Phone: (570) 326 - 4001 Fax: (570) 326 - 039			
Complete Online at www.seewaldlabs.com	Check Ck#: Rush D		
Customer Information:	Credit Not Paid X Receipt Inf	Lab Employee ) FedEx UPS US Po	stal Walk in Other: Reporting Type Key:
First Time Customer? Y (N)	Report to / Bill to (if different):	# of Coolers: Temp: 3,0	
Contact Person: Jack Bailey		Received on ice?	Control Commercial Control of the Co
Client/Co.Name: City of Lock Haven		Coolers & samples intact? (Y)	Spoke to: E = Entry Point L = Lead
Address: 20 E. Church Street City, State, Zip: Lock Haven PA 17745	SAME	COC intact: & complete?.	
Telephone No: 570-893-5612	SAME	Correct container provided?	
Cell No: 570-660-6671		Sample/COC/Analysis agree? (7) Adequate sample volumes?	
Fax No: 570-893-5905		Headspace present?	Comment(s)/Note(s):
Email Address:			
Sample Information: Project Name:	Lock Haven City Reach	Completed By: Y = Yes	
		N 650 17 10 10 1	<u> </u>
Field	[ <del>}</del>	-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	418
Data O <sub>5</sub> :mg/L Temp:OC Meter #:Start:		ontainer Type/Preservation (se	e keys)
CL <sub>2</sub> :Tot: Free: mg/L Meter: End:	@ End: @ p	<u> </u>	
LIMS No(s) Sample Identification (key)		ndicate number of containers	below Analyses/Method Request
City Beach DPW	0/20/18 9; 00 GRAB		-Total-coliform/E-coli
			Kh
			62018
			(1)
		4-4-4-4-4-4-4	
Container: (CG) Clear Glass (AG) Amber Glass (P) Plastic (V) Vial (SP		A-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	← pHs checked by (Lab Initials):
Preservation: (0) none (1) H <sub>2</sub> SO <sub>4</sub> (2) HCL (3) HNO <sub>3</sub> (4) NaOH (5) Zn(O <sub>2</sub> :  Matrix: (DW) Drinking Water (NPW) Non-Potable Water (SCM) Solid,			, urface Water (GW) Ground Water
(A) Air (D!) Reagent Water (O) Other	1 - 1	(PC) Plastic Colit. (ENV) ENV. SWADS (SW) S	Trace water (Gw) Orbino water
(Signatures Only) Sampland By (1st):	1 (Meles . a)	1. ~ -	
	Received By (2 <sup>nd</sup> ):	#QK. O	10/20/100 1100
Relinquished By (1st): All Dalling	1) /4	of of Jung age	→ Date: 6/20/18 → Time: 1/55
Relinquished By (2 <sup>nd</sup> ):	→ Received By (3 <sup>rd</sup> ):		→ Date: 6[20[18] → Time: 14-15
Relinquished By (3 <sup>rd</sup> ):	→ Received By (4 <sup>th</sup> ):	<u> </u>	→ Date: → Time:
Relinquished By (4 <sup>th</sup> ):	→ Received By (5 <sup>th</sup> ):		→ Date: → Time: